Science 8th – Mrs. Herrington  **Project**

You must do **one** of the following projects (rap, song, poster, movie, picture slide show). You must follow the directions and include all the necessary information for the project you choose to do.

The poster is due October 19and it is worth a test grade for this 9 weeks. This is **NOT** optional. **KEEP THIS SHEET, IT SHOULD BE HANDED IN WITH YOUR PROJECT.**

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| **Criteria for Rap or Song, Poster, Movie,** OR **Slide Show** | **Possible points** | **Points earned** |
| Define electromagnetic spectrum | 10 |  |
| Give all seven examples of different kinds of electromagnetic spectrum waves or rays | 20 |  |
| Explain and give an example of a transverse wave | 20 |  |
| Individual Group Member Participation Points (this is the score I give you as an individual) | 10 |  |
| List familiar, everyday objects associated with the electromagnetic spectrum | 10 |  |
| Discuss the different wavelengths of radio, microwave, infrared, visible light, ultraviolet, x-rays and gamma rays | 10 |  |
| Attractiveness, style, accuracy, and your inclusion of all group members participation score  **(1= everyone did not participate, 2=some were generally disinterested, 3=participated a good bit, 4=Excellent group members) \_\_\_\_\_\_\_\_** | 10 |  |
| Creativity | 10 |  |
| Total points available 100 | |  |

\*You will work in groups

\*You should rate your group members in the circled portion above

**Available Resources**:

1. Camera
2. Movie maker on computer
3. Audacity Program (to record song or rap)
4. Poster Board
5. Markers/Colored Pencils
6. Pictures for Poster
7. Scissors
8. Glue

\*\*If you need additional resources, you will have to provide those.